

Ratings

Voltage: 300 V
 Temperature: -80~200 °C
 Flammability: VW-1
 Oil resistant: 60°C
 ≥50% elongation and tensile strength after aging

Conductor

Conductor count: 1
 Gauge: 30AWG 0.05 mm²
 Material: tinned copper strands
 Strand size: Ø 0.1mm x7
 Resistance at 20 °C: 381 Ω /km max

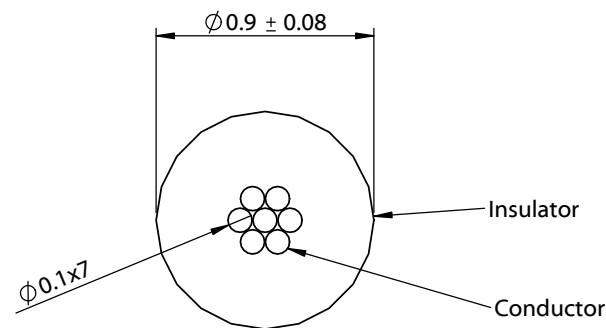
Insulator

Material: Fluorinated ethylene propylene (FEP)
 Color: orange
 Diameter: Ø 0.9 ± 0.08
 Nominal thickness: 0.33 mm
 Resistance at 20 °C: 2.5 MΩ /kft min

Wire marking: E339579 UL AWM STYLE 1332 30AWG 200°C 300V
 VW-1 --- cUL AWM I A/B 200°C 300V FT1 TENSILITY

Mechanical Tests

After aging at 232±1°C for 7 days
 Minimum tensile strength 1.76 kgf/mm²
 Minimum elongation 200% original



Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p>
A	5/23/2022	Initial release	Verified:	RoHS compliant	
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent	
			Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, hook-up, TS, 30 AWG, UL 1332, 300V, 200C, 0.9 mm, FEP, orange	
				Size: A	Part number: 30-02607
				Scale: 32:1	Sheet 1 of 1

5

4

3

2

1